

# DE 2917037 Derwent Record

## Patent Family & English Abstract

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DIALOG(R)File 351:Derwent WPI

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**Implantable compsns. contg. medicaments - based on non-resorbable polymer, polylactide and hydroxyapatite**

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Number of Countries: 001 Number of Patents: 001

### Patent Family:

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Priority Applications (No Type Date): DE 2917037 A 19790427

### Abstract (Basic): DE 2917037 B

The compsns. contain (a)  $\geq 1$  non-resorbable polymer, (b) a resorbable component comprising one or more homo-or copolylactides of hydroxy-carboxylic acids, and (c) hydroxylapatite. Component (a) is pref. a polyacrylate or polymethacrylate. Component (b) is pref. a polylactide derived from lactic and/or glycolic acid. The compsns. can also contain X-ray contrast agents, physiologically compatible fibrous materials and opt. other additives. The medicament can be an antibiotic.

The compsns. can be used as surgical or dental prostheses (e.g. for permanent filling of osteomyelitis cavities) or as temporary implants (e.g. for controlled release of medicaments). The implants have good mechanical properties, good biological compatibility, and their degree of resorption can be adjusted by varying the ratio of the components.

Title Terms: IMPLANT; COMPOSITION; CONTAIN; MEDICAMENT; BASED; NON; RESORPTION; POLYMER; POLY; LACTIDE; HYDROXY; APATITE

Index Terms/Additional Words: POLYACRYLATE; POLYMETHACRYLATE; SURGICAL; DENTAL; PROSTHESIS

Derwent Class: A96; B05; D21; P32; P34

International Patent Class (Additional): A61F-001/00; A61K-005/06;

A61K-009/00; A61L-015/01

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